

TRI On-site and Off-site Disposal or Other Releases, 1988, 1998 and 2001-2002

	1988	1998	2001	2002	Change 1988-2002	
	Number	Number	Number	Number	Number	Percent
Total Facilities	19,607	19,353	18,088	17,306	-2,301	-11.7
Total Forms	58,493	66,184	61,701	59,497	1,004	1.7
On-site Disposal or Other Releases	Pounds	Pounds	Pounds	Pounds	Pounds	Percent
Total Air Emissions	2,177,827,051	930,505,797	648,498,033	623,449,362	-1,554,377,689	-71.4
Fugitive Air Emissions	679,531,956	219,033,372	157,296,649	145,513,521	-534,018,435	-78.6
Point Source Air Emissions	1,498,295,095	711,472,425	491,201,384	477,935,842	-1,020,359,253	-68.1
Surface Water Discharges	41,668,109	18,511,502	13,744,865	15,957,677	-25,710,432	-61.7
Underground Injection	161,907,957	114,408,368	95,055,880	107,466,666	-54,441,291	-33.6
On-site Land	379,123,257	331,324,358	231,128,771	429,180,689	50,057,432	13.2
Landfills	164,930,314	12,930,206	4,558,377	2,595,612	-162,334,702	-98.4
Land Treatment	3,082,297	1,000,296	1,799,268	1,376,405	-1,705,892	-55.3
Surface Impoundment	66,475,232	86,839,718	42,457,936	43,084,774	-23,390,458	-35.2
Other Land Disposal	144,633,466	128,534,849	89,112,711	306,488,757	161,855,291	111.9
Total On-site Disposal or Other Releases	2,760,526,374	1,394,750,025	988,427,549	1,176,054,395	-1,584,471,979	-57.4
Off-site Disposal or Other Releases						
Storage Only	13,668,594	5,267,729	4,855,194	4,535,656	-9,132,938	-66.8
Solidification/Stabilization (Metals and Metal Category Compounds Only)	26,620,239	122,645,946	154,890,940	171,472,550	144,852,311	544.1
Wastewater Treatment (Excluding POTWs) (Metals and Metal Category Compounds Only)	4,521,656	3,053,032	6,800,456	5,822,553	1,300,897	28.8
Transfers to POTWs (Metals and Metal Category Compounds Only)	9,373,166	3,262,995	2,101,275	1,859,896	-7,513,270	-80.2
Underground Injection	8,510,253	10,187,468	15,046,221	12,120,832	3,610,579	42.4
Landfills/Surface Impoundments	243,617,195	209,492,662	209,115,872	191,353,478	-52,263,717	-21.5
Land Treatment	2,229,844	524,321	1,697,906	3,715,728	1,485,884	66.6
Other Land Disposal	9,200,093	13,066,739	8,230,750	12,513,915	3,313,822	36.0
Other Off-site Management	37,056,902	8,698,565	5,263,315	2,904,499	-34,152,403	-92.2
Transfers to Waste Broker for Disposal	28,335,683	12,056,891	8,827,531	7,896,157	-20,439,526	-72.1
Unknown	10,069,918	3,351,440	2,114,566	3,494,753	-6,575,165	-65.3
Total Off-site Disposal or Other Releases	393,203,543	391,607,787	418,944,025	417,690,016	24,486,473	6.2
Total On-site and Off-site Disposal or Other Releases	3,153,729,917	1,786,357,812	1,407,371,574	1,593,744,411	-1,559,985,506	-49.5

Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to *The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data* document at www.epa.gov/tri/tridata/index.htm#pdr.

On-site Disposal or Other Releases include Fugitive or Non-point Air Emissions (5.1), Stack or Point Air Emissions (5.2), Surface Water Discharges (5.3), Underground Injection (Section 5.4), Landfills (5.5.1), Land Treatment (5.5.2), Surface Impoundments (5.5.3) and Other Land Disposal (5.5.4). Off-site Disposal or Other Releases include from Section 6.2 Underground Injection (M71), Landfills/Surface Impoundments (M63, M64, M65, M72), Storage Only (M10), Solidification/Stabilization - Metals and Metal Category Compounds only (M41 or M40), Wastewater Treatment (excluding POTWs) - Metals and Metal Category Compounds only (M62 or M61), Land Treatment (M73), Other Land Disposal (M79), Other Off-site Management (M90), Transfers to Waste Broker - Disposal (M94, M91), and Unknown (M99) and, from Section 6.1 Transfers to POTWs (metals and metal category compounds only).

Does not include delisted chemicals, chemicals added in 1990, 1994 and 1995, aluminum oxide, ammonia, hydrochloric acid, PBT chemicals, sulfuric acid, vanadium and vanadium compounds.